

Babcock & Wilcox

a McDermott company

Manufacturing

To	C. A. PALMBERG - PROJECT MANAGEMENT - BVCB3K +252	
From	P. L. CIOFFI - MGR - COMBUSTION SYSTEMS - BVNO1C	
Cust.	INTERMOUNTAIN POWER PROJECT	File No. or Ref. RB-614/615
Subj.	IPP BURNER UPGRADES	Date MAY 1, 1991

BDS 663-8

This letter to cover one customer and one subject only.

The following is a summary and description of the proposed modifications made to the dual register burners as shown on the attached sketch, SK41791E/0:

Outer Air Register

1. Replaced outer air register with modified HD register.
2. Register front plate thickness increased from 1/2" to 5/8", material changed from carbon steel to 800H.
3. Register back plate thickness increased from 1/2" to 5/8", material changed from TP304 to 800H.
4. Center section of register back plate separated from register frame and attached with clips to allow for expansion.
5. Register door thickness increased from 10 ga. to 3/16", additional alloy stiffeners added to doors.
6. Added support legs (not shown on sketch) to register back plate.

Throat Sleeve

7. Throat sleeve thickness increased from 1/4" to 3/8", material changed from TP304 to 800H.
8. Throat sleeve attached to register front plate with clips to allow for radial expansion.
9. Expansion ring added to throat sleeve OD (similar to S/~~EXCEL~~ design).

XCL

Slip Seal

10. Slip seal moved outboard on register front plate to eliminate interference with throat sleeve expansion. Seal arrangement reversed to minimize radiant heat on rope packing.

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